

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| L1    | 3319 | ((62/178,179,50.1,50.2,48.2) or (137/13) or (165/45)).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2006/10/02 14:51 |
| L2    | 15   | L1 and @PD>"20050501" and bypass and compress\$3 and gas  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/10/02 15:27 |
| L3    | 1    | ((energy adj saving) and temperature and pressure and (bypass adj valve) and compress\$3 and gas).clm.  | US-PGPUB                     | OR               | ON      | 2006/10/02 15:29 |
| S1    | 1    | ("4921399").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/05/28 11:30 |
| S2    | 3    | ("4921399").URPN.   | USPAT                        | OR               | ON      | 2004/12/02 14:24 |
| S3    | 25   | ("2958205"   "2961840"   "2966402"   "3251191"   "3298805"   "3733838"   "3919852"   "3995440"   "4192655"   "4269539"   "4372332"   "4563203"   "4727723"   "4921399"   "5036671"   "5327730"   "5372010"   "5386699"   "5582012"   "5778917").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/12/02 14:27 |
| S4    | 0    | ("6141973").URPN.   | USPAT                        | OR               | ON      | 2004/12/02 14:32 |
| S5    | 25   | ("2958205"   "2961840"   "2966402"   "3251191"   "3298805"   "3733838"   "3919852"   "3995440"   "4192655"   "4269539"   "4372332"   "4563203"   "4727723"   "4921399"   "5036671"   "5327730"   "5372010"   "5386699"   "5582012"   "5778917").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2004/12/02 15:07 |
| S6    | 0    | ("6141973").URPN.   | USPAT                        | OR               | ON      | 2004/12/02 15:15 |
| S7    | 3128 | ((62/178,179,50.1,50.2,48.2) or (137/13) or (165/45)).CCLS.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/12/02 15:38 |
| S8    | 84   | S7 and bypass and compress\$3 and gas   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/10/02 14:51 |
| S9    | 14   | ((pipeline same station) same cooling) and bypass and compress\$3   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/12/02 16:00 |
| S10   | 2    | ((pipeline same station) same cooling) and bypass and compress\$3   | EPO; JPO;<br>DERWENT         | OR               | ON      | 2004/12/02 16:01 |
| S11   | 4    | ((pipeline same station) same cooling) and bypass   | EPO; JPO;<br>DERWENT         | OR               | ON      | 2004/12/02 16:02 |
| S12   | 4    | ((pipeline same station) same cooling).ab. and bypass   | EPO; JPO;<br>DERWENT         | OR               | ON      | 2004/12/02 16:02 |
| S13   | 5    | ((pipeline same station) same cooling).ab. and bypass   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/12/02 17:07 |
| S14   | 232  | (62/611,613).CCLS.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/12/02 17:07 |
| S15   | 25   | S14 and bypass and compress\$3 and gas  | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/12/02 17:10 |
| S16   | 17   | S14 and bypass and pipeline   | US-PGPUB;<br>USPAT           | OR               | ON      | 2004/12/02 17:13 |
| S17   | 1    | ("6190090").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2004/12/02 17:13 |
| S18   | 1    | ("20050034467").PN.   | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/05/28 11:30 |
| S19   | 25   | ("2958205"   "2961840"   "2966402"   "3251191"   "3298805"   "3733838"   "3919852"   "3995440"   "4192655"   "4269539"   "4372332"   "4563203"   "4727723"   "4921399"   "5036671"   "5327730"   "5372010"   "5386699"   "5582012"   "5778917").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/05/28 13:25 |
| S20   | 1    | ("5778917").URPN.   | USPAT                        | OR               | ON      | 2005/05/28 13:32 |
| S21   | 7    | ("2958205"   "4269539"   "4372332"   "4563203"   "4921399"   "5372010").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/05/28 13:32 |